

INTERNATIONAL SEARCH REPORT

International Application No
PC1/BE2004/000157

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C23C2/26 C23C2/02 C23C24/00 C23C24/08		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C23C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/048403 A (LE CRAZ SEBASTIEN ; CT DE RECH S METALLURG ASBL CE (BE)) 12 June 2003 (2003-06-12) cited in the application page 9, line 1 - page 11, line 25; claims 1-27 page 13	1-6, 9-21, 23-31
Y	claims 1-27	7,8
Y	----- PATENT ABSTRACTS OF JAPAN vol. 013, no. 187 (C-592), 2 May 1989 (1989-05-02) -& JP 01 011983 A (NISSHIN STEEL CO LTD), 17 January 1989 (1989-01-17) abstract * page 3, colonne de droite, lignes 23-24 du document original* ----- <div style="text-align: center;">-/--</div>	7,8
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
* Special categories of cited documents :		
<div style="display: flex;"> <div style="flex: 1;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*8* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center;">26 July 2005</div>		Date of mailing of the international search report <div style="text-align: center;">01/08/2005</div>
Name and mailing address of the ISA European Patent Office, P.B. 5816 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer <div style="text-align: center;">Handrea-Haller, M</div>

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X	US 5 853 850 A (IWAI MASATOSHI ET AL) 29 December 1998 (1998-12-29) column 11, lines 1,2; claims 1,6,14; figure 12; table 12 -----	1-5
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03, 27 February 1998 (1998-02-27) -& JP 09 296277 A (NKK CORP), 18 November 1997 (1997-11-18) * paragraphe {0018} du document original * abstract -----	1-3,5
Y	WO 02/086194 A (ITN NANOVIATION GMBH ; BINKLE OLAF (DE); NONNINGER RALPH (DE)) 31 October 2002 (2002-10-31) page 6, paragraphs 2,3; claim 1; examples 2,3 -----	7,8
Y	PATENT ABSTRACTS OF JAPAN vol. 013, no. 134 (C-581), 4 April 1989 (1989-04-04) & JP 63 297576 A (NISSHIN STEEL CO LTD), 5 December 1988 (1988-12-05) * page 3, colonne de gauche, lignes 23-30 et page 4, colonne de gauche, lignes 25-26 du document original* abstract -----	7,8
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